Secret. H-27—80,000—4-1-52.

Der (1952) Department.

elles SERIES.

Part. I/ Suppl

G.O. NO. 5500

Dated 24-12-52

[Despatch Abstract.]

Industries — Tile industry — Manufacture of glazed floor and Mosaic Tiles in Sonderkamaraya District — Experimental Cum-Extablishment — Continuance of [illegible]

[illegible]

INDUSTRIES AND COMMERCE DEPARTMENT

From
Sri M.T.Raju, Bar-at-Law., I.C.S.,
Director of Industries & Commerce,
Madras.6.

To
The Secretary to Government,
Development Department,
Madras.

No.4318-F4/52. dated 3-11-1952.

Sir,

Sub: Industries - Tile Industry - Manufacture of Glazed flooring and Mosai tiles in South Kanara District-Experimental Centre - Establishment of- Sanctioned-continuance - sanction-requested

Ref: 1) G.O.No.1592 Development dated 17-4-46.
2) G.O.No. 78 Finance dated 6-2-47.
3) G.O.No.4395 Development dated 16-11-51.
4) G.O.No.3203 Development dated 12-7-51.

In the G.O. first cited, Government were pleased to sanction the appointment of the following staff at the experimental centre at Mangalore for conducting research work on the ceramic raw materials available in South Kanara District.

(1) One Ceramic Assistant.
(2) One Supervisor.
(3) Three Skilled workmen,
(4) Three unskilled workmen.

The above staff was sanctioned temporarily for a period of two years from the date of appointment. The dates on which the above staff were appointed and the dates on which the existing sanctions are due to expire are indicated below.

Sanctioned in G.O.1592. Dev., d/ 17-4-46.	Date of appointment	Date of joining.	Date of expiry of sanction.
1) One Ceramic Assistant.	8-1-51	29-1-51.F.N.	28-1-53
2) One Supervisor.	-	14-7-51.F.N.	13-7-53.
3) Two Skilled workmen.	3-8-51	3-8-51.F.N.	2-8-53.
4) Three unskilled workmen.	3-8-51	3-8-51.F.N.	2-8-53.

The work so far done at the centre is briefly indicated below:-

. Fifteen varieties of clays were collected from different fields in and around Mangalore and these were tested and compounded to see whether the processed clay gives better body for manufacturing roofing tiles. The experiments carried out in the centre revealed that the clays available round about Mangalore are more refractory than the clays of other parts of the District, requiring higher temperature to get proper ring and strength.

(2) Engobed tiles in different colours and shades were manufactured successfully on an experimental basis, with the locally available materials.

(3) Some experiments in the production of glazed roofing tiles with the lead and borax frits were undertaken and finally glazed tiles, transperant and coloured, were

/p.t.o./

undertaken manufactured to the satisfaction of the members of the Association.

From the above experiments carried on in the Centre, it has been established that the empty space below the crown of the kiln and above its shoulder can profitably be utilised for burning glazed flooring and roofing tiles.

(4) The plastic method adopted in making flooring tiles in West Coast entails much wastage by way of warping and drying cracks, not to speak of the long period taken for drying the tiles. To avoid such wastage, the pressing of tiles by Dust-pressing ~~of tiles~~ method was demonstrated to the members of the Association.

The centre has also undertaken recently the manufacture of mosaic tiles for flooring with low vitrifiable tile clays and with various coloured glazes in different designs and the work is now in progress. Further experiments have to be carried out with high temperature clays, bodies and glazes so that the tile manufacturers can also manufacture higher temperature glazed and mosaic wall tiles and sanitary ware etc. Before this work is taken up, it is necessary to find out how far the locally available raw materials are suitable for the purpose.

The Western India Tile Manufacturers' Association, Mangalore has represented that it is necessary to continue the existing staff for one more year to complete all the above items of work. The Ceramic Expert recommends the continuance of the existing staff for one more year from the date of expiry of the existing sanction. I agree with the recommendations of the Association and the Ceramic Expert and request that Government may be pleased to sanction (1) the continuance of the following staff upto 31-3-54 on the grades noted against each as already sanctioned by Government and (2) the expenditure towards the Travelling Allowance for the staff Viz., Rs.50/- p.m. as allowed in the G.O. first cited.

	GRADE
1) One Ceramic Assistant	on Rs.180-5-200-10-240 p.m. (G.O.4395 Dev., d/ 16-11-50)
2) One Supervisor	on Rs.70-2-90 p.m. (G.O.No.78 Finance d/ 6-2-47 each.)
3) Two skilled workers	on Rs.39/- p.m.each)
4) Three labourers.	on Rs.30/- p.m.each)
	(G.O.3203 Dev., d/ 12-7-51).

I request favour of early orders.

or Director of Industries and Commerce

trs/ 4/11.

Above as suggested

D 18/961

Dev (D II) DC

C46 12568/D II/52 Sub:- Industries - Tile Industry - Manufacture of glazed flooring and mosaic tiles in South Kanara District - Experimental centre - Establishment - Continuance of staff & Sanctioned.

P&S-10 of (R) Read again:- GoMs 1592 Dev dated 17-4-46
pp 19-20 of (T) GoMs 4595 Dev dated 16-11-50
p 3 of (U) GoMs 3203 Dev dated 12-7-51.

P&S 1-2 of Read also:- From the DIS&C No 4318-Ex/52 dated 3-11-52

GoMs 5211 Dated 24-12-52

(for a further period upto 31.3.54)

Sanction is accorded to the continuance of the following temporary staff at the Experimental Centre at Mangalore sanctioned in GoMs 1592 Dev'd 17-4-46. ~~till 31-3-1954 on the grades noted against each:~~

(1) One Ceramic technician on Rs 100-5-200-10-240 p.m.
(2) One Supervisor on Rs 70-2-90 p.m.
(3) Two Skilled workers on Rs 39/= p.m each
(4) Three Labourers on Rs 30/- p.m each

Sanction is also accorded to the incurring of an expenditure not exceeding Rs 50/= (Rupees fifty only) p.m on Travelling allowances for the staff specified in para 1 above.

Para 2 at P3 of (R)

Copy sd 21/12/52 Dy 6/12/52 Pl 7.12.52

Do Notice at A of this finding.

Sec

P&S 9-10 of (R) Note:- In GoMs 1592 Dev'd 17-4-46 the Govt sanctioned the opening of an experimental centre at Mangalore for conducting research work on the ceramic raw materials available in South Kanara District with the staff mentioned at A on P2 of the enclosed for a period of ~~two~~ five years from the date of appointment. The Director has briefly indicated in para 3 of his letter at P&S 1-2 the work so far done at the experimental centre and has stressed the need for the continuance of the staff in paras 4 and 5 of his letter at P2 of the file for a further period upto 31-3-54. It is for Govt

while the DSCs [illegible] for the Continuance of the Draft as on p.2 f. for a period till 31-3-54 may be sanctioned subject to such modifications as may be submitted for approval. This Deptt may see for acceptance

Finance (E II)

The draft order over leaf may be accepted

ADDITIONAL DEPUTY SECRETARY TO GOVT
10 DEC 1952
E II
FINANCE DEPARTMENT

Fin Deptt notes above may be perused. The draft order overleaf may now issue

UNDER SECRETARY
15 DEC 1952
DEVELOPMENT DEPARTMENT

Issued as GOR 5500 dtd 22-12-52